

Title (en)
SYSTEMS FOR AND METHODS OF CONTROLLING OPERATION OF A UPS

Title (de)
SYSTEM UND VERFAHREN ZUR STEUERUNG EINES UPS-BETRIEBS

Title (fr)
SYSTÈMES ET PROCÉDÉ DE COMMANDE DE FONCTIONNEMENT D'UN SYSTÈME D'ALIMENTATION SANS COUPURE (UPS)

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Application
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Abstract (en)
[origin: US2009160254A1] A UPS includes an AC output, power factor control circuitry; and a DC bus coupled to the power factor control circuitry where the power factor control circuitry is configured to determine a difference in instantaneous power supplied to the AC output and to adjust a voltage of the DC bus based, at least partly, on the difference. In one embodiment, the UPS includes a single phase AC input. In another embodiment, the power factor control circuitry is configured to determine a cumulative difference in instantaneous power supplied to the AC output.

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